

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sun-jung Lee, *et al.*
Filing Date: Herewith
Title: APPARATUS AND METHOD FOR ELECTROPOLISHING A METAL
WIRING LAYER ON A SEMICONDUCTOR DEVICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

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3-31-04
Date


Christopher Hren

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 C.F.R. 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 C.F.R. 1.97(b), or
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- ☐ under 37 C.F.R. 1.97(c) together with either:
- ☐ a Statement under 37 C.F.R. 1.97(e), as checked below, or
- ☐ the \$180.00 fee under 37 C.F.R. 1.17(p), or
(After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- ☐ under 37 C.F.R. 1.97(d) together with:
- ☐ a Statement under 37 C.F.R. 1.97(e), as checked below, and
- ☐ the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Sun-jung Lee, *et al.*

Statement Under 37 C.F.R. 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- ☒ Copies of cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. _____, and references that are not required to be submitted under 37 C.F.R. 1.98.
- ☐ The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

- ☒ The "concise explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for references AL is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☒ abstract.

It is requested the information disclosed herein be made of record in this application.

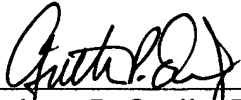
Applicant(s): Sun-jung Lee, *et al.*

Method of payment:

- ☐ Enclosed is a check in the amount of _____.
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- ☐ Two duplicate copies of this Statement are enclosed.
- ☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: March 31, 2004
Mills & Onello, LLP
Eleven Beacon Street, Suite 605
Boston, Massachusetts 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
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Anthony P. Onello Jr.
Registration Number 38,572
Attorney for Applicants

Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <div style="text-align: center; font-weight: bold;">SAM-0527</div>		Application Number <div style="text-align: center;">Not yet assigned</div>	
				Applicant <div style="text-align: center;">Sun-jung Lee, <i>et al.</i></div>			
				Filing Date <div style="text-align: center;">Herewith</div>		Group Art Unit <div style="text-align: center;">Not yet assigned</div>	
U. S. Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA	6,176,992	1/23/01	Talieh	205	87	12/1/98	
AB	5,677,218	10/14/97	Tseng	437	45	9/11/96	
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
AL	2000-315661	11/14/00	Japan	H01L	21/28		X
AM							
AN							
AO							
AP							
AQ							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AR							
AS							
AT							
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.							